and separated from the nearest adjacent analyte binding area by a distance wherein said device does not have means to mix a sample in said cell.

Rewrite Claim 10

10. (Twice Amended) The device claimed in claim 1 wherein said analyte binding areas comprise polymeric sheets.

DISCUSSION

Applicant would like to thank Examiners Gabel and Le for the courtesy of a telephone interview with the undersigned along with William Heineman and Brian Halsall in which we discussed the Wohlstadter et al. reference. At that interview it was agreed that the pending claim distinguish over the prior art because it recites that there are electrodes which quantitatively measure enzymatic reaction product. It was pointed out that the Wohlstadter patent uses electrodes that are designed to create an electrochemoluminescence and that electrochemoluminescence is then detected photometrically. The electrodes themselves are not adapted to measure reaction product. Also, the luminescent material is adjacent to the enzyme which is also bound.

We are submitting minor amendments to claims 1 and 10. The amendment to claim 1 was newly suggested by Examiner Le during the course of the interview and therefore it should be appropriate for entering. We eliminated the phrase "adapted to". Claim 10 was amended to change "liquid impervious" to "polymeric". It was agreed that this amendment was acceptable and supported by the term "polystyrene sheet" in the

specification.

In light of this, Applicants would maintain that the application is in condition for allowance and respectfully requests the same.

Respectfully submitted,

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VERSION WITH MARKINGS TO SHOW CHANGES MADE

In the Claims:

Claim 1 has been amended as follows:

1. (Four Times Amended) A simultaneous electrochemical assay device comprising a cell for [adapted to] holding [hold] a sample, said cell having a surface having a plurality of analyte binding areas, each of said analyte binding areas having a different specific analyte binding substrate; and a plurality of working electrodes [adapted to] that quantitatively measure enzymatic reaction product, each working electrode adjacent to one analyte binding area and separated from the nearest adjacent analyte binding area by a distance wherein said device does not have means to mix a sample in said cell.

10. (Twice Amended) The device claimed in claim 1 wherein said analyte binding areas comprise polymeric [liquid impervious] sheets.